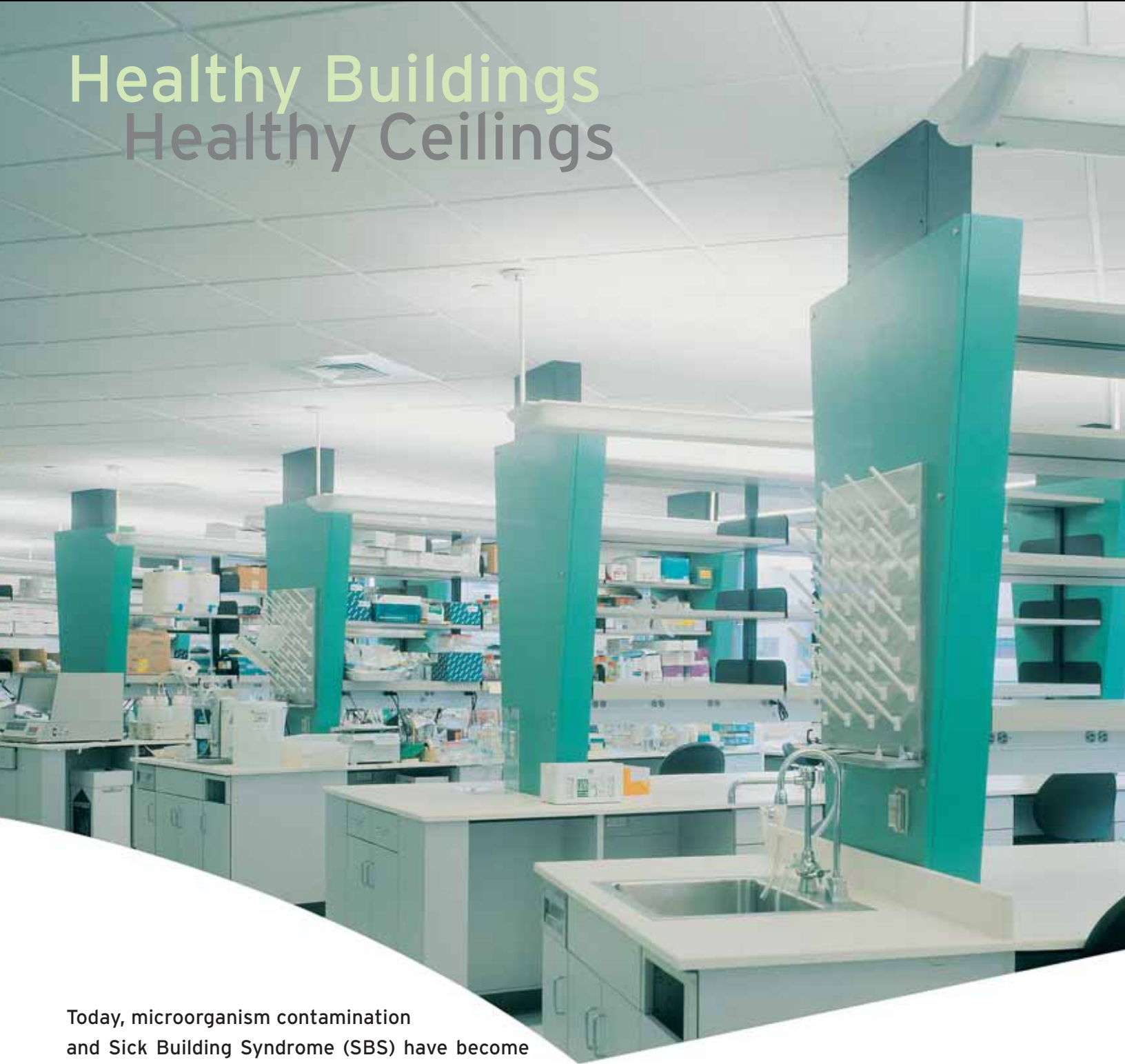


 Chicago Metallic®

**EuroStone™**  
SUSTAINABLE CEILING PANELS



# Healthy Buildings Healthy Ceilings



Today, microorganism contamination and Sick Building Syndrome (SBS) have become increasingly important issues in commercial building design. As a result, architects and builders are looking for products and solutions that can help prevent potential problems. Ongoing maintenance and management are critically important in healthcare, educational facilities and high-humidity areas.

That's why EuroStone™ Sustainable Ceiling Panels are fast becoming the proactive ceiling panel of choice for healthy buildings around the world. EuroStone contains none of the organic materials known to support the growth of mold, such as:

- Cellulose
- Cornstarch
- Mineral Wool
- Slag

Cover : Frisco Conference Center, Frisco, TX / Tetrum pattern (inset: Kalypso! pattern)  
Above : Albert B. Alkek Building, Baylor College of Medicine, Houston, TX / Terric pattern

When exposed to fire or heat, organic materials emit toxic smoke, contribute fuel and generate more heat.

## EuroStone does not **burn** or emit smoke

Because it is made from inorganic volcanic stone, EuroStone will not burn, smoke or contribute fuel to a fire or high temperature condition.

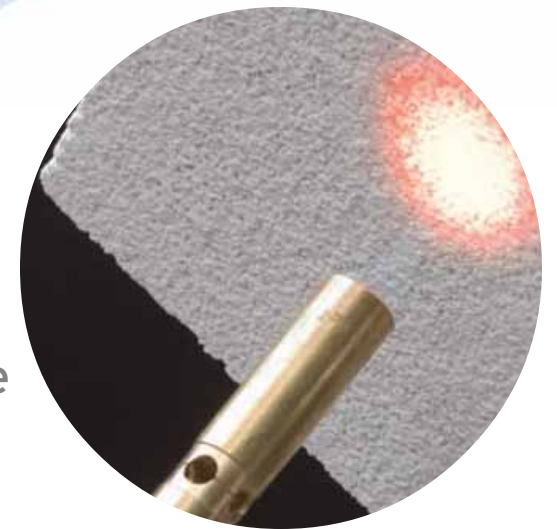
Time-tested in harsh environments like offshore platforms, passenger and cargo ships, EuroStone's unmatched safety characteristics were a major factor in securing U.S. Coast Guard Approval.

EuroStone ceiling panels are made from a unique perlite blend that supports indoor air quality while offering the best defense against harmful mold and bacteria growth without coatings or biocides.

## EuroStone does not support mold growth

No other ceiling panel on the market offers the same level of manufacturing excellence and product performance!

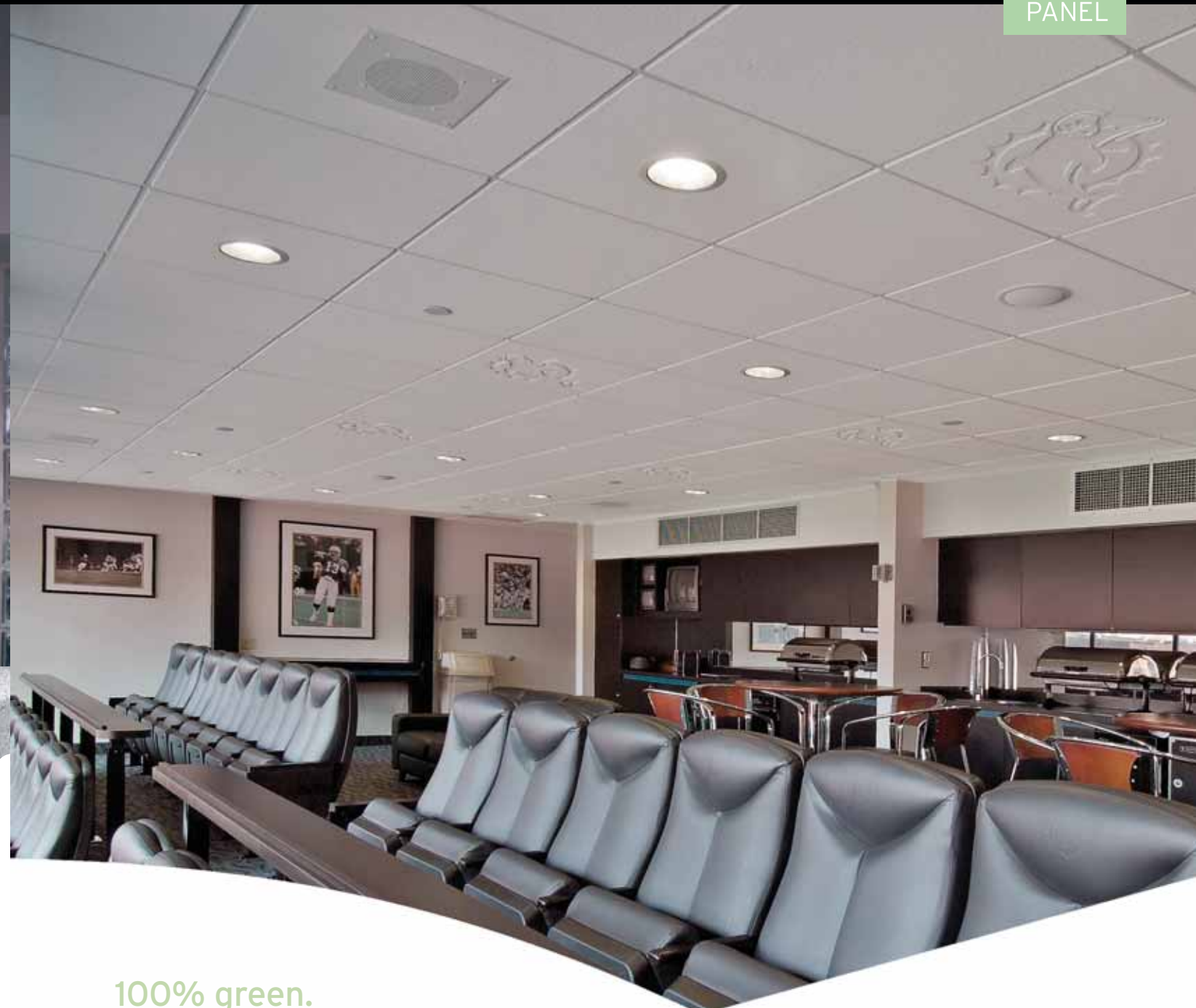
Above : Ray Meyer Fitness & Recreation Facility, DePaul University, Chicago, IL / Terric pattern



fire Class A: flame 0, smoke 0, per ASTM E 84  
air quality 0 voc's, 0 fiber release rated 10 per ASTM D 3273



stachybotrys magnified



**Most ceiling panels can last years.  
EuroStone Panels will last decades.**

Most ceiling products have a life-cycle expectancy of six to ten years for inland applications, four to six years in coastal areas or in regions with high humidity. EuroStone's unique blend of perlite and an inorganic binder results in a life expectancy that far exceeds any panel offered in the industry. EuroStone is the only ceiling panel backed by an exclusive 40 year limited lifetime warranty with Protection Plus program.

The stone-like properties of EuroStone ensure that these ceiling panels will not warp or sag. In fact, EuroStone ceiling panels are warranted to remain dimensionally stable up to 120°F (49°C) and 100% RH when installed in a compatible Chicago Metallic ceiling suspension system. What's more, water leaks do not affect its stability or performance.

**100% green.  
100% recyclable.**

Meeting basic sustainability criteria established by green building programs, EuroStone is the only true sustainable ceiling product available on the market today.

Other manufacturers claim that their ceiling products are green because they contain a percentage of recycled paper, cellulose or rag. But the very fact that these products contain paper or rag is exactly why they should not be considered sustainable.

EuroStone may support credits toward U.S. Green Building Council Project LEED®\* certification. Because EuroStone is made of non-hazardous, non-fibrous materials and is 100% recyclable. Best of all, EuroStone is formaldehyde- and asbestos-free. Be sure to ask about Chicago Metallic's Recycling Program.

\*LEED is a registered trademark of the U.S. Green Building Council.

Above : (l) Minute Maid Park, Houston, TX / Windsor pattern  
(r) University of Texas Health Science Center, Houston, TX / Montreaux pattern

Above : Dolphin Stadium, Miami, FL / Terric pattern, custom etched logo

# Panel Patterns and Colors

## Natural



**Terric** fine texture    **Montreaux** medium texture    **Cresta** bold texture

## Scored with Terric texture



**Tetrum** Four 12" squares    **Novum** Nine 8" squares    **Windsor** Border score

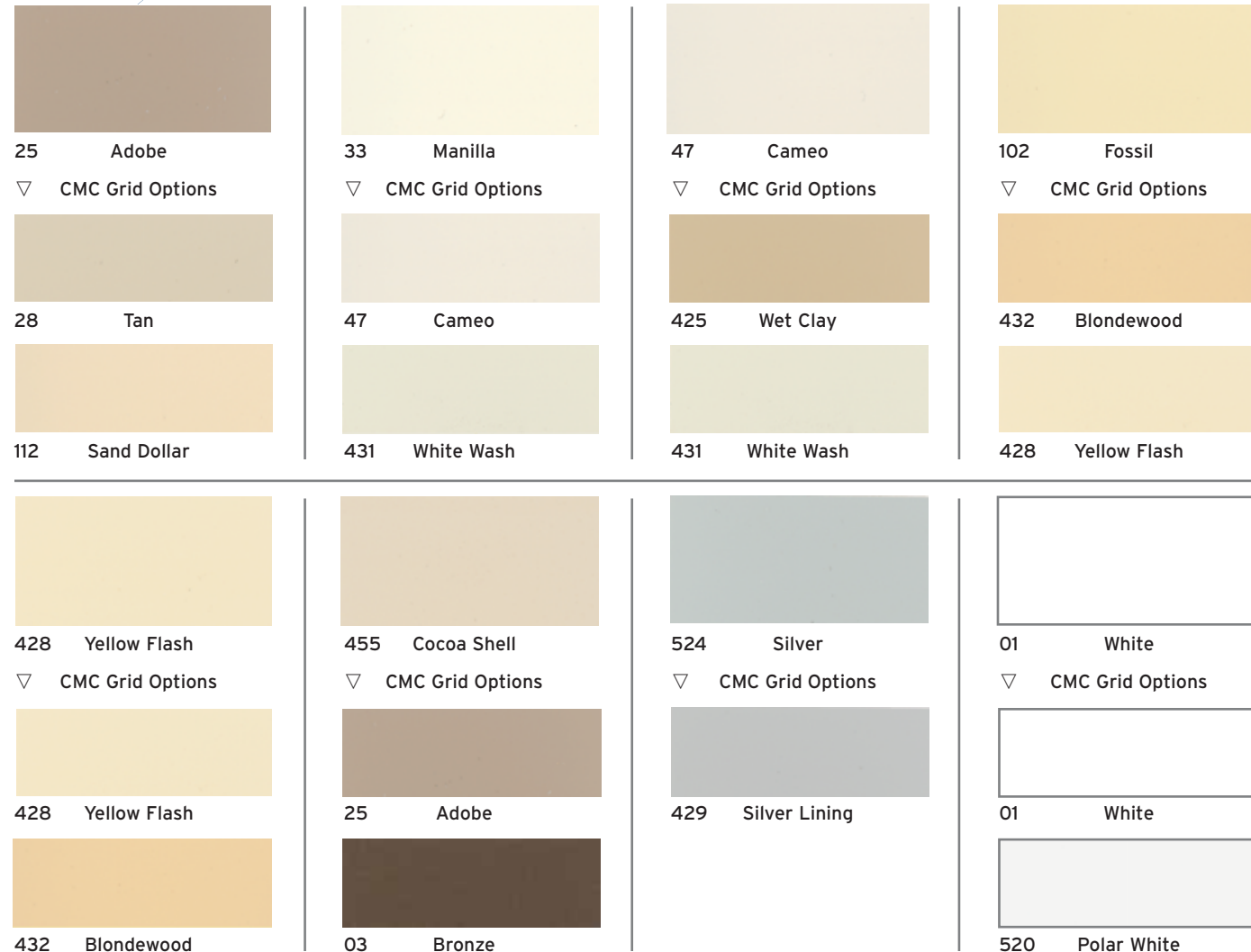
## Designer with Terric texture



**Kalypso!** Sculpted texture



8 colors • Blend of inorganic perlite and colorants  
100% recyclable • Class A Fire Rating • 40 year warranty



## Specification Data

Product information for integration into ceiling specification

panel type	Terric, Montreaux, Cresta	Tetrum, Novum, Windsor	Kalypso! (A and B patterns)
<b>material</b>	•	•	•
inorganic volcanic perlite	•	•	•
white color	•	•	•
colors (minimum order requirements apply)	•	•	
<b>surface</b>	•		
fine, medium, bold	•		
fine, scored		•	
fine, sculpted			•
<b>size</b>	•	•	•
7/8" x 24" x 24"	•	•	•
<b>edge</b>	•		
square for 15/16"	•		
reveal for 9/16" and 15/16" grid	•	•	•
<b>indoor air quality</b>	•	•	•
0 voc's, 0 fiber release rated 10 per ASTM D 3273	•	•	•
<b>fire</b>	•	•	•
class A: flame 0, smoke 0 per ASTM E 84	•	•	•
<b>light</b>	•	•	•
LR - 0.76 per ASTM E 1477	•	•	•
<b>sound</b>	•	•	•
NRC - 0.65 per ASTM C 423	•	•	•
<b>thermal performance</b>	•	•	•
R - 1.275 (R-value calculated based on ASTM Test Method C177)	•	•	•
<b>stability</b>	•	•	•
CAC - 37 per ASTM E 1414	•	•	•
120° F and 100% RH	•	•	•
<b>classification</b>	•		
type XX, pattern E per ASTM E 1264	•		
type XX, pattern E, K per ASTM E 1264		•	•
<b>suspension</b>	•	•	•
9/16" Chicago Metallic designer	•	•	•
15/16" Chicago Metallic traditional	•	•	•
<b>warranty</b>	•	•	•
40 year limited lifetime with Protection Plus program	•	•	•
<b>sustainability</b>	•	•	•
100% locally recyclable	•	•	•

Chicago Metallic Ceiling Products

 <p>M</p>	<p><b>Metal</b></p>	<p>Perimeter Trim / Curvilinear Grid / Metal Panel / Embossed Metal Panel / Linear / Open Plenum / Security</p>
 <p>P</p>	<p><b>Panel</b></p>	<p>Premium / Utility / Controlled Environment</p>
 <p>G</p>	<p><b>Grid</b></p>	<p>Designer / Performance / Traditional / Controlled Environment / Drywall</p>



Ceiling Systems and Specialty Products - USA and Canada: 800.323.7164 / Fax: 800.222.3744 / [chicagometallic.com](http://chicagometallic.com)

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